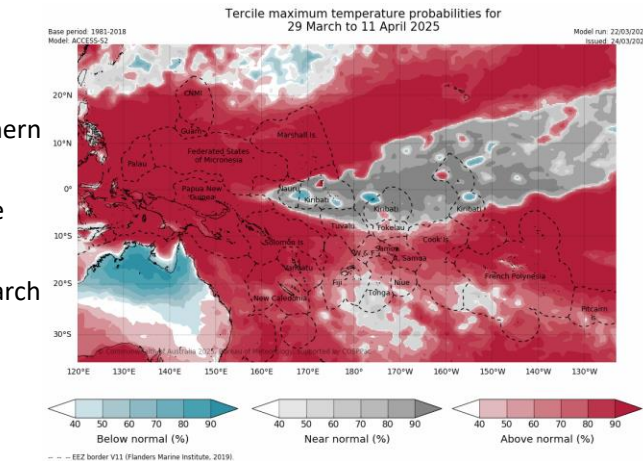
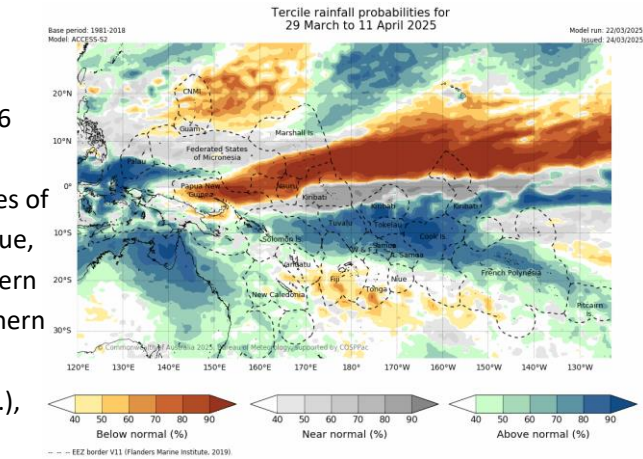
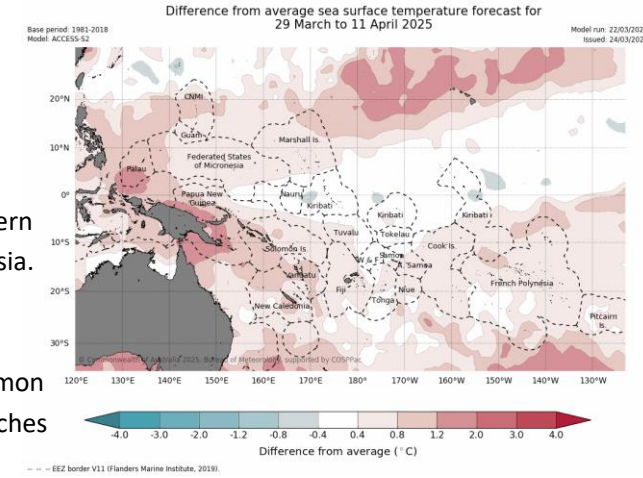


Pacific Weekly ACCESS-S Update Wednesday 26 March 2025



Ocean Outlook, fortnight to 11 April:

- Sea surface temperature (SST) forecasts more than 0.8°C **above normal** are favoured in the following country EEZs: Palau, northern CNMI, western FSM, far northern RMI, southern Line Is. (Kiribati), most of PNG, central and western Solomon Is., most of Vanuatu, northern and central New Caledonia and northern French Polynesia. SST anomalies above 1.2°C are favoured in southern Palau, large parts of PNG, far southeastern French Polynesia and southwestern Pitcairn Is. Elsewhere SSTs are predicted to be **near-normal**.
- Notably **above normal** sea level (>100 mm) is predicted for southern Palau, northern FSM, far eastern Guam, central CNMI, parts of central PNG, most of the Solomon Is., western Tuvalu, and far southern Tonga. **Below normal** sea level (<100 mm) is predicted for parts of the northern and southern Line Is. (Kiribati), and small patches of French Polynesia. Elsewhere sea levels are predicted to be **near-normal**. Note that sea level anomalies from ACCESS-S2 do not include global but can include regional sea level trends.
- Tide calendars available via oceanportal.spc.int/portal/library/. Sea level and SST skill information, can be found in the accompanying presentation.

Climate Outlook, fortnight to 4 April:

- According to the ACCESS-S and ECMWF models, there is a near normal or reduced risk of tropical cyclone (TC) occurrence over in the SW Pacific over 31 March to 6 April.
- Above normal rainfall is favoured in the following EEZs: Southern Palau, southernmost western FSM, northeast RMI, southern Phoenix and Line Is. (Kiribati), patches of southern PNG, much of the Solomon Is., northern Vanuatu, western New Caledonia, northern Fiji, Tuvalu, Tokelau, Wallis & Futuna, Samoa, A. Samoa, northern Niue, northern and central Cooks Is., central French Polynesia, and Pitcairn Is. **Below normal** rainfall is favoured for the following country EEZs: northern PNG, southeastern FSM, southern RMI, Nauru, Gilbert Is. and Northern Line Is. (Kiribati), patches of New Caledonia, patches of southern Vanuatu, southern Fiji, southern Tonga, southern Niue, and southwest French Polynesia.
- Maximum and/or minimum air temperatures are favoured to be **normal or below normal** in the following country EEZs: Nauru, Kiribati (excluding southern Line Is.), southeast Fiji, southern Tonga, southern Niue, northern Tuvalu, and southwest French Polynesia. Elsewhere, there is a strong likelihood of **above normal** temperatures.
- Remember to review rainfall and air temperature outlook skill information, which can be found in the accompanying presentation.

Climate Influences:

- El Niño-Southern Oscillation (ENSO)** remains neutral. SSTs in the central tropical Pacific have risen since February. Additional information is available via the Southern hemisphere monitoring update- <http://www.bom.gov.au/climate/enso>. The **Indian Ocean Dipole (IOD)** is also neutral.
- Over the 30 days to 23 March, outgoing longwave radiation observations suggest the **Intertropical Convergence Zone** was confined to the western Pacific, and the **South Pacific Convergence Zone** remained displaced southwards over Vanuatu, Fiji and Tonga.
- The **Madden-Julian Oscillation (MJO)**, as of 22 March is inactive. Most forecast models indicate a weak MJO pulse will linger over the Western Pacific until late March
- Outlooks:** <http://www.bom.gov.au/climate/pacific/outlooks/>, <http://oceanportal.spc.int/portal/ocean.html>, [ECMWF Tropical Cyclone Outlook](http://www.ecmwf.int/en/forecasts/short-range-weather-forecasts/tropical-weather-forecasts)
- Influences:** <http://www.bom.gov.au/climate/enso/>

